

Miami SPURS Meeting

NOAA Southeast Fisheries Science Center

75 Virginia Beach Dr, Miami, FL 33149

1:00pm Wednesday Jan 16 to 12:00 Friday Jan 18

Agenda

1:00 Welcome and logistics: R Schmitt and G. Goni

1:30 NASA perspective and expectations: E. Lindstrom

Session 1. Wed PM Initial results of 2012 field programs.

1:45 T. Farrar..... The central SPURS mooring and UCTD sampling

2:00 S. RiserProfiling floats deployed in SPURS: first results

2:15 B. Kessler Results and prospects for the SPURS Prawler moorings

2:30 A. Shcherbina.....Lagrangian Float Observations in SPURS

2:45 A. Gordon Underway Data

3:00 Break

3:15 C. Eriksen.....Seaglider Results

3:30 L. RainvilleTurbulence observations and budget calculations from the ongoing Seaglider surveys.

3:45 L. St Laurent.....Turbulence observations in SPURS

4:00 J. Edson Mean meteorological and flux measurements from the Knorr and direct covariance systems on the central mooring + additional met measurements for Endeavor cruise

4:20 J. SchanzeUpper-ocean volumetric T and S during SPURS

4:35 G. Goni..... NOAA XBT and underway CTD observations in support of SPURS

4:50 F. Bingham..... Intercomparison of the SPURS Salinity Dataset

5:05 R. Lumpkin..... Salinity observations by the PIRATA project

5:20 L. Centurioni..... Overview of Langangian salinity drifter deployments, preliminary results and future plans

End of Session 1

Miami SPURS Meeting (Thursday, Jan. 17)

Session 2 Thursday AM Initial results continued

- 8:30 F. Bryan..... Inferring mixing in the SPURS region from volumetric salinity budgets
- 8:45 Y. Chao..... Validating the Aquarius retrieved salinity with in situ measurements during the SPURS Knorr Cruise
- 9:00 Z. LiModeling, Data Assimilation and Reanalysis in Support of SPURS Cruise Planning and Data Synthesis
- 9:15 O. Melnichenko.....Aquarius OI SSS for SPURS
- 9:30 H.-Y. Kao.....Aquarius SSS in the SPURS domain
- 9:45 G. Reverdin..... Results of the STRASSE cruise
- 10:00 Break
- 10:15 W. Asher..... Salinity Stratification in the Upper Meter of the Ocean Observed During STRASSE-12
- 10:30 B. Hodges.....IVER AUV Results
- 10:45 D. Fratantoni.....Wave Glider Results

Session 3: Planning for spring cruises on Endeavor and Sarmiento

- 11:00 - 12:00 Discussion led by R Schmitt and J. Font
- 12:00 Box Lunches
- 1:30 - 3:00 Discussion of Spring cruises continues
- 3:00 Break

Session 4: Planning for fall 2013 cruise

- 3:15 - 3:45 Discussion led by T. Farrar

Session 5: SPURS analysis and Synthesis activities

- 3:45 -5:00 Discussion led by E. Lindstrom

End of Session 5

Miami SPURS Meeting (Friday, Jan. 18)

Session 6: Friday AM Discussion of a future “Fresh SPURS”

8:30 – 10:00 Discussion of Science Questions – R. Schmitt

10:00 Break

10:15 – 12:00 Discussion of Potential Fresh Sites – T. Farrar

12:00 **Meeting end**